

4. The semi-custom array for chemical screening of claim 3 wherein the organic compounds are selected from the groups consisting of: oligonucleotides and peptides.

5. The semi-custom array for chemical screening of claim 1 wherein the non-reactive substrate is a glass fiber.

6. The semi-custom array for chemical screening of claim 1 wherein the support frame holds the filaments transversely spaced in parallel relationship.

7. The semi-custom array for chemical screening of claim 1 wherein the support frame holds the filaments transversely spaced along two perpendicular axes.

8. The semi-custom array for chemical screening of claim 1 wherein the filaments include isolating bands of a chemically repellant coating between the chemically reactive substances.

9. The semi-custom array for chemical screening of claim 1 wherein the filaments include recessed pockets receiving the chemically reactive substances.

10. The semi-custom array for chemical screening of claim 1 wherein the filaments include a marker allowing the filaments to be distinguished.

12. The semi-custom array for chemical screening of claim 1 wherein the filaments include a marker allowing a given end of the filament to be identified.

13. The semi-custom array for chemical screening of claim 12 wherein the marker is selected from the group of printing and fluorescent material.

34. A semi-custom array for chemical screening comprising:

(a) at least two different strips of a non-reactive substrate extending along a longitudinal axis and supporting, spaced along that longitudinal axis, a linear array of different, chemically reactive substances exposed on a surface of the strip; and

5 (b) a support frame for receiving and holding the strips for mutual exposure to a material to be screened wherein the support frame holds the strips transversely spaced along two perpendicular axes.

35. A semi-custom array for chemical screening comprising:

(a) at least two different strips of a non-reactive substrate extending along a longitudinal axis and supporting, spaced along that longitudinal axis, a linear array of different, chemically reactive substances exposed on a surface of the strip; and

5 (b) a support frame for receiving and holding the strips for mutual exposure to a material to be screened wherein the strips include isolating bands of a chemically repellant coating between the chemically reactive substances.

36. A semi-custom array for chemical screening comprising:

(a) at least two different strips of a non-reactive substrate extending along a longitudinal axis and supporting, spaced along that longitudinal axis, a linear array of different, chemically reactive substances exposed on a surface of the strip; and

5 (b) a support frame for receiving and holding the strips for mutual exposure to a material to be screened wherein the strips include recessed pockets receiving the chemically reactive substances.

REMARKS

Claim 1 has been rejected under 35 U.S.C. §112, first paragraph, as containing subject matter which was not described in the specification. In particular, the Examiner has objected to the phrase “a chemical screening kit”. Accordingly, claim 1 has been amended to replace this phrase with “a semi-custom array for chemical screening”. Page 10, line 7 provides the support for a “semi-custom array”. The fact that it is used for “chemical screening” is found throughout the application, but also at page 10, line 3.